

Claims

1. A locator system used by a parent for locating a child comprising:
 - a radio frequency transmitter carried by the parent;
 - a radio frequency receiver disposed within an article of clothing worn by the child; and
 - an annunciator connected to the radio frequency receiver that is activated by the radio frequency signal received through the radio frequency receiver.
2. The locator system as in claim 1 wherein the annunciator further comprises an audible alarm.
3. The locator system as in claim 2 wherein the annunciator further comprises a visual indicator.
4. The locator system as in claim 3 further comprising a first pushbutton that activates the audible alarm and a second pushbutton that activates the visual indicator.
5. The locator system as in claim 1 wherein the visual indicator further comprises a light emitting diode.
6. The locator system as in claim 1 wherein the article of clothing further comprises a shoe.
7. The locator system as in claim 1 wherein the radio frequency transmitter further comprises a code selector on the transmitter and also on the receiver that allows the parent to select a unique code that activates the audible alarm.

8. The locator system as in claim 7 wherein the radio frequency transmitter further comprises a modulator that modulates a signal based upon a code entered through the code selector.

9. The locator system as in claim 8 wherein the radio frequency transmitter further comprises a processor that receives a code from the code selector and that sequentially modulates the modulator based upon the selected code.

10. The locator system as in claim 9 wherein the modulator further comprising an amplitude modulator that modulates an amplitude of a signal that is transmitted to the radio frequency receiver.

11. The locator system as in claim 9 wherein the modulator further comprising a frequency modulator that modulates a frequency of a signal that is transmitted to the radio frequency receiver.

12. The locator system as in claim 9 wherein the modulator further comprising a spread spectrum modulator that modulates a frequency of a signal that is transmitted to the radio frequency receiver.

13. A locator system used by a parent for locating a child that is activated by a transmitter carried by the parent, such locator system comprising:

a shoe to be worn by the child;
a radio frequency receiver connected to the shoe and activated by the transmitter carried by the parent; and

an annunciator connected to the radio frequency receiver that is activated by the radio frequency signal received through the radio frequency receiver.

14. The locator system as in claim 13 wherein the annunciator further comprises an audible alarm.

15. The locator system as in claim 14 wherein the annunciator further comprises a visual indicator.

16. The locator system as in claim 15 further comprising a first pushbutton located on the transmitter carried by the parent that activates the audible alarm and a second pushbutton on the transmitter that activates the visual indicator.

17. The locator system as in claim 13 wherein the visual indicator further comprises a light emitting diode.

19. The locator system as in claim 13 wherein the radio frequency receiver further comprises a code selector that allows the parent to select a unique code that activates the audible alarm.

20. The locator system as in claim 19 wherein the code selector further comprises a selector switch.